

Pathways Addressed by Software Packages																					
	Primarily Source	Diet			Tap Water			Indoor		Outdoor			Other Environments ⁶			Use As A Refined Model ⁷					
		General ¹	Site Specific ²	Breast Milk	Ingestion	Dermal	Inhalation	Indoor Surfaces	Indoor Air	Objects ⁴	Soil	Vegetation	Other ⁵	Air	Surfaces						
Model	Models							Dermal	Oral ³	Inhalation	Dermal	Oral	Dermal	Oral	Oral		Inhalation	Dermal	Oral		
Aggregate Exposure Models																					
	CARES™	X			X			X	X	X			X	X	X	X	?				Refined and Screening
	Calendex™	X			X			X	X	X			X	X			?				Refined and Screening
	Lifeline™	X			X	X	X	X	X	X			X	X	X	X					Refined and Screening
	SHEDS	X			X	? ⁸	?	X	X	X	X	X	X	X	X	X	?				Refined and Screening
Site Oriented Models (waste site/ industrial site)																					
	API DSS		X		X	X	X			X			X	X							Screening Only
	CalTOX		X	X	X	X	X	X	X	X			X	X	X	X					Refined and Screening
	MEPAS		X		X								X	X	X	X					?
	RISK*ASSISTANT		X	X	X		X	?	?	?			X	X							Screening Only
	SmartRISK		X		X	X		X	X	X			X	X							Screening Only
Consumer Models																					
	CONSEXPO-3							X	X	X	X	X									Refined and Screening
	EFAST		X ⁹		X																Screening Only
	PROMISE Version 7.0							X	X	X											Refined and Screening
General Diet Models ¹⁰																					
	DEEMS™	X																			Refined and Screening
	DEPM	X																			?
Air Models																					
	CONTAM	X								X											Refined and Screening
	NEM/pNEM/HAPEM-MS	X								X											?
	CPIEM	X								X											Screening Only
	TEM				X	X	X			X											Refined and Screening
	MCCEM	X								X											Screening Only
	RISK 1.0	X								X											Screening Only
	IXAQ	X								X											Refined and Screening
	TRIM/APEX 2.0		X	X	X	X	X			X											?
	TOXST/TOXLT	X								X											Screening Only
Model Libraries																					
	MENTOR				X					X			X					X			?
	ChemSTEER																				Screening Only
	notita™																				?
	EML/IMES	X																			Screening Only
	PC-GEMS/RISKPRO	X																			Screening Only
	THERdbASE									X											?

¹General food supply.

²Food supplies affected by local source (gardens, locally raised meat and dairy products, and local fisheries).

³Accidental ingestion from hand-to-mouth or object-to-mouth behavior.

⁴Objects - toys, clothing, bedding, etc.

⁵Other materials (paint chips, granules).

⁶Institutional (daycare, school, recreation).

⁷Model is appropriate for refined exposure assessments if it allows consideration of detailed information on temporal or spatial patterns of sources or allows the use of probabilistic models.

⁸Not known.

⁹Locally caught fish

¹⁰Aggregate models also include dietary modules which can be used as stand alone diet models